

The MINERvA Operations Report

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for the MINERvA Collaboration

All Experimenters Meeting

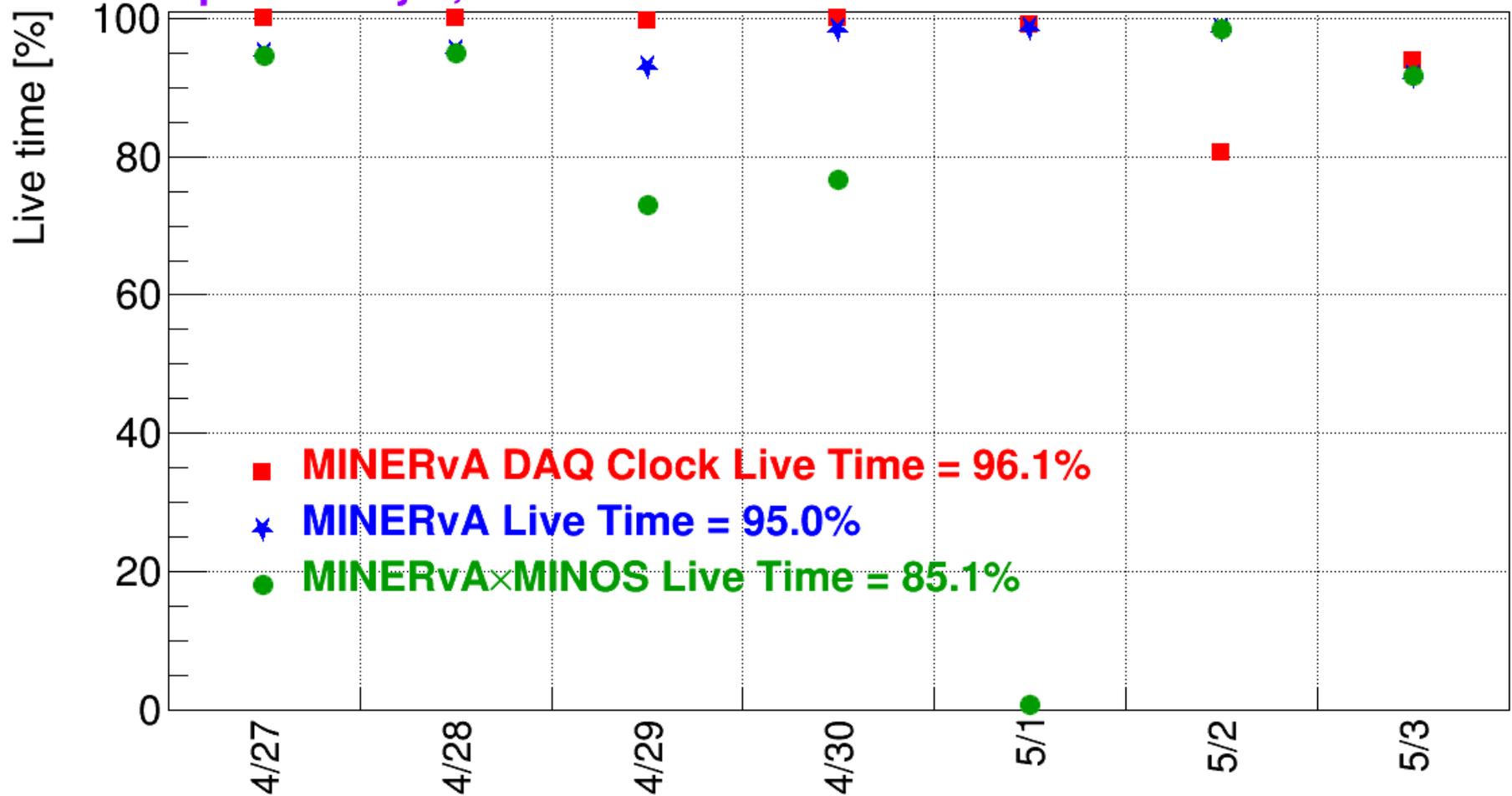
8 May 2017



Live Time and Data



Apr 27 - May 3, 2017: POT Delivered = 1.13×10^{19}

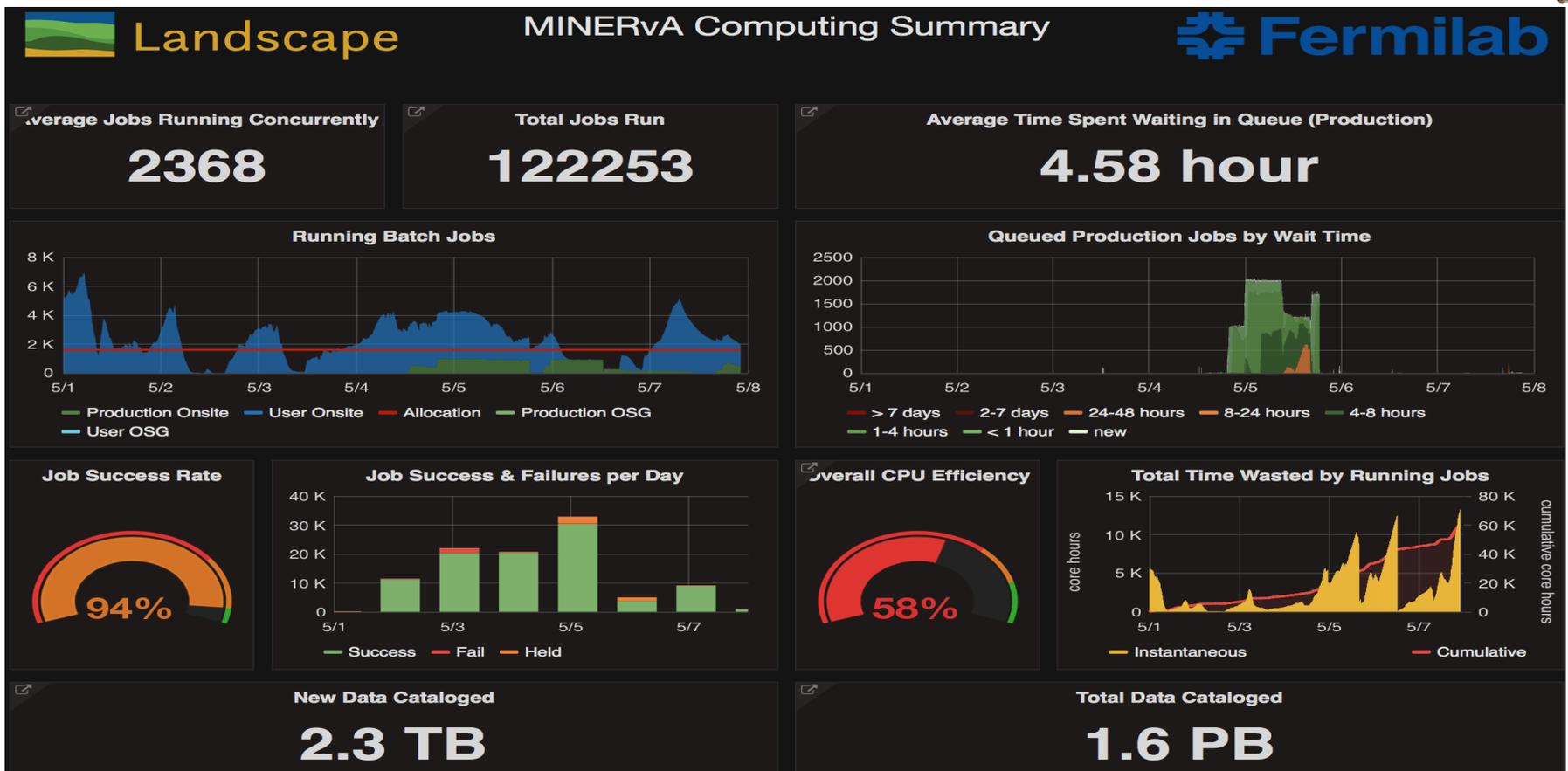


Miscellaneous Updates



- ❑ 04/28 Fri – One file failed to process
- ❑ 04/29 Sat – One file failed to process. MINOS DAQ crashed with unknown error; a reset fixed it; still investigating.
- ❑ 04/30 Sun – MINOS magnet tripped ~5 AM. Steve Hahn and Walt Jaskierny reset the breaker and got the magnet running ~8 AM.
- ❑ 05/01 Mon – The magnet tripped again ~mid-night Apr 30. Steve Hahn reset the breaker and got the magnet running Mar 1 ~11 AM. No beam. Scheduled power outage.
 - There are 4 cables (in two pairs) taking power from the upstairs breaker to downstairs. Only 1 pair is needed and the used pair was identified as bad and experts reattached the “good” pair. No more trips.
- ❑ 05/02 Tue – Took several hours to recover MINOS and MINERvA after outage. But both detectors were ready just before beam came back in the evening.
- ❑ 05/03 Wed – MINERvA DAQ stopped with a communication error between Front End Boards and it's Controller on few chains. We recovered after few software resets, but lost few hours of beam.

Computing



- Average concurrent jobs were 2368
- Job Success rate was good
- Overall CPU Efficiency was low due to heavy usages of MINOS DB by production, stress test for new migrated DB, users analysis

Period 05/01 - 05/07, 2017



Thank You